PCT

REQUEST

For ceiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Name of receiving Office and "PCT International Application"		International Filing Da	ate	
Applicant's or agent's file reference (if desired) (12 characters maximum) USYS-0158/TN333	international application be processed			
Box No. I TITLE OF INVENTION COMPUTER SYSTEM PARA-VIRTUALIZATION USING A HYPERVISOR THAT IS IMPLEMENTED IN A PARTITION OF THE HOSTSYSTEM Box No. II APPLICANT This person is also inventor State (that is, country) of nationality: US State (that is, country) of nationality: US Box III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) LANDIS, John A. 7124 Old Easton Road Piperson is applicant and inventor State (that is, country) of nationality: US State (that is, country) of nationality: State (that is, country) of nationality: US State (that is, country) of nationality: State (that is, country) of nationality: State (that is, country) of nationality: In the particular of the particular of the particular of the partic	according to the Patent Cooperation Treaty.	Name of receiving Offi	ice and "PCT International Application"	
COMPUTER SYSTEM PARA-VIRTUALIZATION USING A HYPERVISOR THAT IS IMPELEMENTED IN A PARTITION OF THE HOSTSYSTEM BON No. II I PURITHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) BON NO. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) BON IN III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) BON IN III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) BON IN HORDING STATE (S) AND		Applicant's or agent's (if desired) (12 characte	file reference ers maximum) USYS-0158/TN333	
IMPLEMENTED IN A PARTITION OF THE HOSTSYSTEM Son No. II APPLICANT This person is also instance in this postal code and man of country. The country of he address must include postal code and man of country. The country of he address indicated the line of the applicant is state (that is, country) of residence (in State of residence is indicated below.) UNISYS CORPORATION UNISYS WAY, MS/EB-114 BLUE BELL, PENNSYLVANIA 19424-0001 Teleprinter No. State (that is, country) of nationality: US US This person is applicant all designated Male designated Male United States of America only the States indicated in of or the purposes of: Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name: for a legal entiry, full official designations applicant include postal code and man of country. The country of the address manifected to this charged the state of the address indicated below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 State (that is, country) of residence: US State (that is, country) of nationality: US Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE: OR ADDRESS FOR CORRESPONDENCE The person identified below is herebyhas been appointed to act on behalf of the applicant(s) before the competent International Authorities as: State International Authorities as: State				
Box No. II APPLICANT	IMPLEMENTED IN A PARTITION OF THE HOS	N USING A HYPE STSYSTEM	ERVISOR THAT IS	
This person is applicant of the Sutates (Family name followed by given name; for a legal entire, full distingtion of the purposes of: State (that is, country) of nationality: US State (that is, country	Box No. II APPLICANT This person	n is also inventor		
UNISYS WAY, MS/E8-114 BLUE BELL, PENNSYLVANIA 19424-0001 US State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant states indicated in of the university of the United States indicated in of the United States (Family name followed by given name; for a legal entire, full official designation. The darkers must include postal code and some of country. The country of he address indicated in this Box is the applicant code and some of country. The country of he address indicated in this Box is the applicant is state (that is, country) of residence if no State of residence is indicated below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of nationality: US State (that is, country) of residence: State (that is, country) of nationality: US This person is applicant and inventor inventor only (If this check-box is marked, do not full in below.) Applicant's registration No. with the Office State (that is, country) of residence: US This person is applicant and inventor inventor only (If this check-box is marked, do not full in below.) Applicant's registration No. with the Office State (that is, country) of residence: US The United States indicated in the United States of America If the United States indicated in the United States of America Applicant is registration No. with the Office The person is applicant and I designated in the United States of America The United States indicated in the United States of America Applicant is the United States of America The United States indicated in the United States of America Applicant is the United States of America The United States indicated in the United States of America The United States indicated in the United States of America The United States indicated in the United States of Ame	I he dadress must include postal code and name of country. The country of the	he address indicated in this		
BLUE BELL, PENNSYLVANIA 19424-0001 US Teleprinter No. Applicant's registration No. with the Office State (that is, country) of residence: US This person is applicant State state states and lesignated states except State states indicated in office beneficial code and some of country. The country of the during states indicated in office and states in the States indicated in office and states in the States indicated in office and states in the States indicated in office and states in control only. Name and address: (Family name followed by given name; for legal entire, full official designation. The address must include postal code and some of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office State (that is, country) of residence: W the United States of America Applicant's registration No. with the Office The purposes of: The united States indicated in of America only in the States indicated in of America only in the States indicated in of America only of America only in the States indicated in the States indicated in of America only in the States indicated in of America only in the States indicated in of America only of America only in the States indicated in of America only in the States indicated i		!	Facsimile No.	
Applicant's registration No. with the Office State (that is, country) of nationality: US This person is applicant for the purposes of: Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entire, full official designation. The address must include posted code and name of country.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 State (that is, country) of residence: US State (that is, country) of residence is indicated below.) Applicant's registration No. with the Office State (that is, country) of residence is indicated below.) Applicant's registration No. with the Office State (that is, country) of residence is indicated below.) Applicant's registration No. with the Office State (that is, country) of residence: US This person is applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office US Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name; for a legal entire, full official designation. The address must include postal code and name of country.) STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION UNISYS CORPORATION UNISYS Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-box where no appet a command of a continuation of the applicant of the optical designation. The address for correspondence: Mark this check-box where no appet as command of the continuation of the continuation of the applicant of the continuation of the applicant of the continuation of			Teleprinter No.	
State (that is, country) of nationality: US This person is applicant for the purposes of: Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entire indicated in in the States indicated in this box is the applicant is state (that is, country) of residence (fine State of residence is indicated below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of nationality: US State (that is, country) of nationality: US State (that is, country) of residence: State (that is, country) of residence: US This person is applicant and inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office US Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION UNISYS Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-box where no avent or competent the Office 28,762;30,666,37,226				
This person is applicant only of residence: State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant only (this check-box is marked, do not fill in below.) Applicant's registration No, with the Office	•		Applicant's registration No. with the Office	
This person is applicant for the purposes of: All designated States except the United States of America only the States indicated in of America only the States indicated in the Supplemental Box			of residence:	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence is indicated below. J LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address. (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-hox where no agent or common agent or common to a continuation or common agent or common agent or common to a continuation or common agent or common to a continuation or common agent or common agent or common to a continuation or common agent or common agent or common to a continuation of the applicant	This person is applicant all designated all designated	1 States except		
Name and address: (Family name followed by given name: for a legal entire, full official designation. The address must include postal code and name of country. The country of the address indicated in this box to the applicant's State (that is, country) of residence is indicated below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of nationality: US This person is applicant only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office State (that is, country) of residence: US This person is applicant only (If this check-box is narked, do not fill in below.) X Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country.) STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US The person of the address must include postal code and name of country.) Address for correspondence: Mark this check-box where no append of common representative (1) the country of the person inventor only (If this check-box is indicated below.) Teleprinter No. Agent's registration No. with the Office 28,762;30,606,37,226	for the purposes of: States the United St	ates of America		
Applicant only (If this check-box is marked, do not fill in below.) LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office IN This person is applicant only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office State (that is, country) of residence: US This person is applicant only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office W Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE: OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity. full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-box where no agent or common representative (1) the Diffice (2) (2) (3) (6) (6) (37, 226)	Name and address: (Family name followed by given name: for a legal enti-	n: full official designation		
LANDIS, John A. 7124 Old Easton Road Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of nationality: US This person is applicant states and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity: full official designation. The address must include postal code and name of country:) STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	I Readaress must include postal code and name of country. The country of the	so addrace indicated in this		
Pipersville, Pennsylvania 18947 US State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant of the purposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity: full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-hox where no agent or common representative inventors and the original designation and the original designation and the original designation. The definity of the original designation and the original designation an	LANDIS, John A.			
State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant for the purposes of: States Address for correspondence: State (that is, country) of residence: US State (that is, country) of residence: US The United States of America only the Supplemental Box of America only the Supplemental Box of America only the Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-how where no appeal of common representation (for the purpose of the content of the States indicated in for the Onton of America only the States indicated in for the Direct of America only the States indicated in for America only the Supplemental Box of America only the United States indicated in for America only the United States of America only of America only the United States of America only of America onl			· · ·	
State (that is, country) of nationality: US State (that is, country) of residence: US This person is applicant for the purposes of: States all designated the United States except the United States of America The purposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE: OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entin: full official designation. The address must include postal code and name of country:) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-box where no agent or common appeal or common appe			inventor only (If this check-box is marked, do not fill in below.)	
This person is applicant States all designated States except the United States of America of America only the Supplemental Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Address for correspondence: Mark this check-hox where no agent or common representative in the base indicated in the United States of America of America only the Supplemental Box of America only in the Supplemental Box of America			Applicant's registration No. with the Office	
Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entire; full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	· · · · · · · · · · · · · · · · · · ·	* *	of residence:	
Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name; for a legal entiny, full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	an designated			
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name followed by given name: for a legal entity: full official designation. The address must include postal code and name of country.) STARR, MarkT.; ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	Further applicants and/or (further) inventors are indicated or	n a continuation sheet.		
Name and address: (Family name followed by given name: for a legal entity: full official designation. The address must include postal code and name of country.) STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Telephone No. Facsimile No. Teleprinter No. Teleprinter No.	Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE			
STARR, MarkT.;ATLASS, MichaelB.; RODE, Lise A. UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	of the applicant(s) before the competent International Authorities a	as: L °		
UNISYS CORPORATION Unisys Way, MS/E8-114 Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	The address must include postal code and name of country.)			
Blue Bell, Pennsylvania 19424-0001 US Agent's registration No. with the Office 28,762;30,606,37,226	UNISYS CORPORATION	Lise A.	Facsimile No.	
Agent's registration No. with the Office 28,762;30,606,37,226			Teleprinter No.	
Address for correspondence: Mark this check-box where no agent or common representative in the horn arranged and the		Į.		
Address for correspondence: Mark this check-box where no agent or common representative in her agent at the		ľ	= -	

Continuation of Box No. III FURTHER APPLICANT(S)	AND/OR (FURTHER) INVENTOR(S)	
If none of the following sub-boxes is used, this sheet should no		
Name and address: (Family name followed by given name: for a legal entitude address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence. POWDERLY, Terrence V. 10 Crown Lane East Fallowfield, Pennsylvania 19320 US	on address indicated to the	elow.)
State (that is, country) of nationality: US	State (that is, country) of residence:	
for the purposes of: States the United Sta	States except the United States the States in the Supplementates of America	idicated in nental Box
Name and address: (Family name followed by given name; for a legal entiry. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence SUBRAHMANIAN, RAJAGOPALAN 731 Parkview Drive Phoenixville, Pennsylvania 19460 US	anddroes indicated in this	low.)
State (that is, country) of nationality:	State (that is, country) of residence:	
This person is applicant all designated for the purposes of: all designated the United States all designated the United States	States except the United States the States in the Supplem	dicated in iental Box
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence PUTHIYAPARAMBIL, Aravindh 715 Parkview Drive Phoenixville, Pennsylvania 19460 US	addenne indianead in ship	low.)
State (that is, country) of nationality:	State (that is, country) of residence:	
This person is applicant for the purposes of: all designated the United States all designated the United States	States except the United States the States inc the Supplement	
Name and address: (Family name followed by given name: for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence HUNTER, James R., Jr. 808 Bush Lane Chadds Ford, Pennsylvania 19317 US	Address indicated in this	ow.)
State (that is, country) of nationality: US	State (that is, country) of residence: US	
This person is applicant all designated States all designated States all designated States	States except es of America the United States of America only the States ind	
Further applicants and/or (further) inventors are indicated on	another continuation sheet.	

		2
heer	Nα	-

Box No. V DESIGNAT	TIONS			
The filing of this request con filing date. for the grant of e	stitutes under Rule 4.9(a), t very kind of protection availa	he designation of all Contrable and, where applicable,	racting States bound by the for the grant of both reg	ne PCT on the international ional and national patents.
However,				
DE Germany is not d	esignated for any kind of nati	ional protection		
KR Republic of Kores	a is not designated for any ki	ind of national protection		
RU Russian Federatio	on is not designated for any k	sind of national protection		
the national law, of an earlie	be used to exclude (irrevocab er national application from w s in these and certain other S	which priority is claimed. S	ned in order to avoid the see the Notes to Box No. V	ceasing of the effect, under as to the consequences of
Box No. VI PRIORITY	CLAIM			
The priority of the following	g earlier application(s) is here	by claimed:		
Filing date	Number	V	Vhere earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 8 October 2003 (08.10.03)	60/509,581	us		
item (2)				
item (3)				
Further priority claims	are indicated in the Suppleme	ental Box.		
The receiving Office is requestive the earlier application was find above as:	ested to prepare and transmit tiled with the Office which for i	to the International Bureau the purposes of this internat	a certified copy of the ea	rlier application(s) (only if ecciving Office) identified
all items items	em (1)	2) item (3)	other, se	ee Supplemental Box
* Where the earlier applicati	on is an ARIPO application, i Tember of the World Trade O	ndicate at least one country	party to the Paris Conve	ention for the Protection of
	•		• • • • • • • • • • • • • • • • • • • •	
Box No. VII INTERNAT	TIONAL SEARCHING AU	THORITY		
Choice of International Seinternational search, indicate	arching Authority (ISA) (if is the Authority chosen; the two	two or more International S p-letter code may be used):	Searching Authorities are	competent to carry out the
ISA / US				
Request to use results of ea International Searching Auth	orlier search; reference to t	hat search (if an earlier se	earch has been carried ou	it by or requested from the
Date (day/month/year)	Numl	ber Coun	try (or regional Office)	
Box No. VIII DECLARATIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations				
Box No. VIII (i) Declaration as to the identity of the inventor				
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent				
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application:				
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America):				
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :			:	

Sheet	N 1	4

This international application contains: (a) in paper form, the following number of security in the properties of the p	Box No. IX CHECK LIST; LANGUAGE OF FILING					
testing mark the applicable check-base below and indicate in of items sheets: request (including dechariton sheets) 4 description (excluding technic textualities) 4 description (excluding tables related thereto) 566 claims	This international application contains	:	This in	ternational application is accompanied by the following	ng N	umber
request (including declaration sheets) description (excluding sequence listing and/or tables related thereto) 66 claims 14 abstract 1 1 Sub-total number of sheets 95 sequence listing tables related thereto (for both actual number of sheets (f) below) (b) and in computer readable form (Section 80 ((a)(i))) (b) and in computer readable form (Section 80 ((a)(i))) (c) also in computer readable form (Section 80 ((a)(i))) (d) sequence listing (ii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (b) and in computer readable form (section 80 ((a)(i))) (c) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (b) and in computer readable form (section 80 ((a)(i))) (c) also in computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 ((a)(i))) (d) sequence listing (iii) tables related thereto (constanted the computer readable form (section 80 (er of	item(s)	(mark the applicable check-boxes below and indicate in	0)	fitems
deciration sheets) 4 2. original separate power of attorney description (secluding squence listing and/or tables related thereto) 66 Claims						1
description (excluding sequence listing and/or 66 claims 14 distract 1 drawings 10 Sub-total number of sheets 95 sequence listing tables related thereto (fire both, secular number of sheets 95 distract		4	2.		:	
tables related thereto)			3.		:	
abstract 1 5 statement explaining lack of signature 5 statement explaining lack of signature 5 5 statement explaining lack of signature 5 5 5 5 5 5 5 5 5		66	4.	copy of general power of attorney; reference number	τ,	
drawings	claims :	14			· · · · · · · :	
Sub-total number of sheets 95 sequence listing tables related thereto (for both, actual number of sheets 95 sequence listing (for both, actual number of sheets 95 sheets		1			:	
sequence listing (ii) ables related thereto (Section 801(a)(ii)) (i) sequence listing (ii) ables related thereto (Section 801(a)(ii)) (i) sequence listing (ii) ables related thereto (Section 801(a)(iii)) (i) sequence listing (ii) ables related thereto (Section 801(a)(iii)) (ii) sequence listing (iii) ables related thereto (Section 801(a)(iii)) (ii) sequence listing (iii) ables related thereto (Section 801(a)(iii)) (iii) sequence listing (iii) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (Section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (section 801(a)(iii)) (iv) sequence listing (iv) ables related thereto (sequence listing) (iv) ables related thereto (sequence listing) (iv) sequence listing (iv) ables related thereto (sequence listing) (iv) sequence listing mentioned in left column of the sequence listing from the international search under section 802(b-quater) only (and not as part of the international application) (iii) sequence listing were readable form (section 801(a)(iii)) (iv) sequence listing mentioned in left column of the sequence for the purpose of international search under section (section and the sequence of			0. 🗆	item(s):	:	
tables related thereto (for both, actual number of sheets if filed in paper form. whether on not also filed in computer readable form: see (a) below? Total number of sheets 95	i	95	7.	translation of international application into (language):	:	
sheets: if filed in paper form, whether or not also filed in computer readable form; see (a) below? Total number of sheets 95 (b) only in computer readable form (Section 801(a)(ii)) only in computer readable form (Section 801(a)(iii)) only in the computer readable form related to sequence listing (iii) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the computer readable form related to sequence listing (iii) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the computer readable form related to sequence listing (iii) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned and search under section 801(a)(iii) only in the computer readable form related to sequence listing (iii) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing mentioned in left column (Section 801(a)(iii)) only in the sequence listing (Section 801(a)(iii)) only in the se			8. 🗆	separate indications concerning deposited microorga		
Computer readable form; See (ic) below) Total number of sheets 95 (ii) copy submitted for the purposes of international search under Role 13 er only (and not as part of the international application) (iii) copy submitted for the purposes of international search under Role 13 er only (and not as part of the international application) (iii) copy submitted for the purposes of international search under Role 13 er opinional search under Role 14 er opinional search under Role 15 er opinional search under	sheets if filed in paper form,		9. 🗖	sequence listing in computer readable form	;	
Total number of sheets 95 (b) only in computer readable form (Section 801(a)(i)) (i) sequence listing (ii) tables related thereto (cc) also in computer readable form (Section 801(a)(ii)) (i) sequence listing (ii) tables related thereto (section 801(a)(ii)) (i) sequence listing (ii) tables related thereto (section 801(a)(ii)) (i) sequence listing (ii) tables related thereto (section 801(a)(ii)) (i) sequence listing (iii) tables related thereto (section 801(a)(iii)) (i) sequence listing (iii) tables related thereto (section 801(a)(iii)) (ii) sequence listing (iii) tables related thereto (section 801(a)(iii)) (ii) sequence listing (section 801(a)(iii)) (iii) sequence listing (section 801(a)(iii)) (iii) sequence listing (section 801(a)(iii)) (iii) (iii) sequence listing (section 801(a)(iii)) (iii) (i	computer readable form;		(i)	(indicate type and number of carriers)	earch under	
additional copies including, where applicable, the copy for the purposes of international search under Rule 3 ter	'' '	95		Rule 13ter only (and not as part of the international	al application):	
(ii) sequence listing (ii) tables related thereto (cc) also in computer readable form (Section 801(a)(iii)) (i) sequence listing (ii) tables related thereto (Section 801(a)(iii) (ii) sequence listing (ii) tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the Sequence listing (iii) (only where check-box (b)(ii) or (c)(ii) is marked in left column)		m	(")	additional copies including, where applicable, the	conv for the	
Company the abstract: Comp	(i) sequence listing		(iii)	together with relevant statement as to the identity	of the copy or	
(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international spile and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the contained the	(c) also in computer readable for	m	10.	tables in computer readable form related to sequence i		
Type and number of carriers (diskette, CD-ROM. CD-R or other) on which are contained the contained the sequence listing: sequence listing: (iii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies in cluding, where applicable, the copy for the purposes of international search under Section 802(b-quater)	I		(i)	copy submitted for the purposes of international se	earch under	
CD-ROM. CD-R or other) on which are contained the containe	\ ' -			application)	:	
tables related thereto: copies with the tables mentioned in left column (additional copies to be indicated under items 9(ii) and/or 10(ii), in right column 11. other (specify):	CD-ROM, CD-R or other) on which	are	(ii)	additional copies including, where applicable, the	copy for the	
Cadditional copies to be indicated under items 9(ii) and/or 10(ii), in right column	sequence listing:					
Figure of the drawings which should accompany the abstract: Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). DUNNAM, Michael P. For receiving Office use only 1. Date of actual receipt of the purported international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy						
Should accompany the abstract: Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). DUNNAM, Michael P. For receiving Office use only 1. Date of actual receipt of the purported international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy	items 9(ii) and/or 10(ii), in right colt	ımn)				
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). DUNNAM, Michael P. For receiving Office use only 1. Date of actual receipt of the purported international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy		4				
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). Add Add	<u>``</u>	LICAN				
DUNNAM, Michael P. For receiving Office use only 1. Date of actual receipt of the purported international application: 2. Drawings: received: timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy	Next to each signature, indicate the name of the	person sign	ning and the	capacity in which the person signs (if such capacity is not obviou	s from reading the re	equest).
1. Date of actual receipt of the purported international application: 2. Drawings: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy	DUNNAM Michael P					
international application: 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy						
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA / For International Bureau use only Date of receipt of the record copy						
5. International Searching Authority (if two or more are competent): For International Bureau use only Date of receipt of the record copy	3. Corrected date of actual receipt due to later but timely received papers or drawings completing			i:		
(If two or more are competent): ISA / L_ until search fee is paid For International Bureau use only Date of receipt of the record copy	4. Date of timely receipt of the required corrections under PCT Article 11(2):			ived:		
Date of receipt of the record copy						
			For Inter	national Bureau use only		

This sheet is not part of and does not count as a sheet of the international application.

For receiving Office use only

Annex to the Request	International Application No.		
Applicant's or agent's file reference USYS-0158/TN333	Date stamp of the receiving Office		
Applicant UNISYS CORPORATION			
CALCULATION OF PRESCRIBED FEES			
1. TRANSMITTAL FEE	300.00 T		
2. SEARCH FEE			
(If two or more International Searching Authorities are competent to international search, indicate the name of the Authority which is child the international search.)	o carry out the osen to carry out		
3. INTERNATIONAL FILING FEE			
Where items (b) and/or (c) of Box No. IX apply, enter Sub-total num Where items (b) and (c) of Box No. IX do not apply, enter Total num	ber of sheets }		
il first 30 sheets	1035.00 ii		
$\frac{12}{\frac{\text{number of sheets}}{\text{in excess of 30}}} \times \frac{11.00}{\text{fee per sheet}} = \frac{1}{\frac{1}{100}}$	715.00[i2]		
i3 additional component (only if sequence listing and/or tables relative thereto are filed in computer readable form under Section 801(a) or both in that form and on paper, under Section 801(a)(ii)):	sted)(i),		
400 x =	i3		
Add amounts entered at i1, i2 and i3 and enter total at I	1750.00 [i		
(Applicants from certain States are entitled to a reduction of 75% international filing fee. Where the applicant is (or all applicants a entitled, the total to be entered at I is 25% of the international filing f	· 1		
4. FEE FOR PRIORITY DOCUMENT (if applicable)			
5. TOTAL FEES PAYABLE			
MODE OF PAYMENT			
authorization to charge deposit account (see below) postal money order	cash coupons		
cheque bank draft	revenue stamps other (specify):		
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNTIES TO THE MAY NOT BE AVAILABLE AT A PROPRIES OF THE MAY NOT BE AVAILABLE AT A PROPRIES OF THE ACCOUNTIES	NT Receiving Office: RO/ US		
Authorization to charge the total fees indicated above.	Deposit Account No.: 23-3050		
(This check-box may be marked only if the conditions for deposit accounts	Date: 07 October 2004		
of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	Name: DUNNAM, Michael P		
Authorization to charge the fee for priority document. Signature: Michael . Wireland			